

Summary of Diseases Affecting Michigan Wildlife 2009

Abscess

Cerebral/Cranial

Suppurative

Multiple

White-tailed Deer

Unspecified

White-tailed Deer

Diaphragmatic

White-tailed Deer

Glossal (Tongue)

White-tailed Deer

Muscular/Intramuscular

White-tailed Deer, Bald Eagle, Great Horned Owl

Oral

White-tailed Deer

Peritoneal

White-tailed Deer

Pulmonary

White-tailed Deer

Sinus

White-tailed Deer

Spinal

White-tailed Deer

Splenic

White-tailed Deer

Subcutaneous

White-tailed Deer, Bald Eagle, Ruddy Duck

Actinomycosis

White-tailed Deer

Airsacculitis

Mycotic/Fungal

Red-tailed Hawk, Snowy Owl, Common Loon

Necrotic

Caseous

Common Loon

Necrotizing

Severe

Canada Goose

Unspecified

Double-crested Cormorant, American Crow

Anomaly/Deformity

Congenital

White-tailed Deer

Ascites

White-tailed Deer

Aspergillosis

Red-tailed Hawk, Snowy Owl, Common Loon, American Robin

Botulism

Type C

Mallard, Mallard X Domestic Duck, Domestic Duck, Pectoral Sandpiper

Type E

Common Loon, Double-crested Cormorant, Caspian Tern, Ring-billed Gull

Bronchopneumonia

Bacterial

Necrotizing

Extensive

Gray Fox

Unspecified

Gray Fox

Bronchopneumonia (continued)

Fibrino-necrotizing (Bacterial)

Diffuse

Severe

Raccoon

Calcification

Cerebral Blood Vessel

Elk

Cataract

Unilateral

White-tailed Deer

Congestion

Pulmonary

White-tailed Deer, Red Fox, Gray Fox, Raccoon, Striped Skunk, Little Brown Bat, Bald Eagle, Peregrine Falcon, Osprey, Cooper's Hawk, Great Horned Owl, Barred Owl, Mute Swan, Canada Goose, Common Loon, White Pelican, Double-crested Cormorant, Wood Duck, Common Merganser, Red-breasted Merganser, Horned Grebe, Hairy Woodpecker, American Crow, American Robin, Eastern Bluebird, Fox Sparrow, American Goldfinch, Pine Siskin, Common Redpoll, Finch, European Starling, House Sparrow

Renal

White Pelican

Splenic

American Crow

Consolidation

Pulmonary

American Crow

Cyst

Parasitic

Taenia sp.

White-tailed Deer

Cysticercosis

[Taenia hydatigena](#)

White-tailed Deer

[Echinococcus granulosus](#)

Elk, White-tailed Deer

Dehydration

White-tailed Deer, Gray Wolf, Red Fox, Gray Fox, Cottontail Rabbit, Bald Eagle, Peregrine Falcon, Red-tailed Hawk, Sharp-shinned Hawk, Merlin, Great Horned Owl, Wood Duck, Mourning Dove, Blue Jay, American Robin, Tree Swallow, European Starling

Dermatopathy

Northern Red Squirrel

Dermatophilosis (*Dermatophilus congolensis*)

White-tailed Deer

[Distemper](#)

Canine

Gray Fox, Raccoon

Drowning

Bald Eagle, Mute Swan, Canada Goose, Common Loon, Double-crested Cormorant, Wood Duck, Common Merganser, Horned Grebe, Great Blue Heron, American Crow, House Finch, European Starling

Ectasis

Follicular

White-tailed Deer

Edema

Pulmonary

Red Fox, Raccoon, Striped Skunk, Little Brown Bat, Bald Eagle, Peregrine Falcon, Osprey, Cooper's Hawk, Great Horned Owl, Barred Owl, Mute Swan, Canada Goose, Common Loon, Double-crested Cormorant, Wood Duck, Common Merganser, Red-breasted Merganser, Horned Grebe, Great Blue Heron, Hairy Woodpecker, American Crow, Eastern Bluebird, American Goldfinch, House Finch, Finch, Common Redpoll, Pine Siskin, House Sparrow, European Starling

Edema (continued)

Subcutaneous
White Pelican

Electrocution

Bald Eagle, European Starling

Emphysema

Subcutaneous
White-tailed Deer

Encephalitis

Eastern Equine
White-tailed Deer

Endocarditis

Vegetative
White-tailed Deer

Enteritis

Hemorrhagic
White-tailed Deer, Gray Wolf, Osprey, House Sparrow

Necrotic

American Robin

Necrotizing

Hemorrhagic

Canada Goose, American Crow

Ulcerative

Hemorrhagic

[Verminous](#)

Mute Swan

Unspecified

Bald Eagle, Mute Swan

Enterotoxemia/Corn Toxicity

Corn Toxicity

White-tailed Deer

Epizootic Hemorrhagic Disease

White-tailed Deer

Exposure

Bald Eagle, Sharp-shinned Hawk, Eastern Bluebird, Purple Martin

Fascioloidiasis

Moose, White-tailed Deer

Fibrosis

Hepatic

Chronic

White-tailed Deer

Folliculitis

Granulomatous

White-tailed Deer

Glossitis

Bacterial

Necrotic

Chronic

White-tailed Deer

Granuloma

Parasitic (Lungworm)

Eosinophilic

Focal

White-tailed Deer

Hematoma

White-tailed Deer

Hemorrhages

Agonal

White-tailed Deer

Hernia

Diaphragmatic

White-tailed Deer

Hyperplasia

Biliary

White-tailed Deer

Lymphoid

Nodular

White-tailed Deer

Imbalance

Electrolyte

White-tailed Deer

Infection

Bacterial

White-tailed Deer, Great Horned Owl, Barred Owl, Double-crested Cormorant,
European Starling

Coliform

American Crow

Infestation

Louse

White-tailed Deer

Inflammation

Diaphragmatic

Pyogranulomatous

Chronic

Elk

Insufficiency

Cardiac (Due to the presence of ingested fish)

Common Loon

Intoxication

Diesel fuel

Canada Goose

Keratitis

Bilateral

White-tailed Deer

Extensive

Locally

White-tailed Deer

Laryngitis

Necrotizing

Great Horned Owl, Barred Owl

Leptospirosis (suggestive)

Striped Skunk

Malnutrition

White-tailed Deer, Gray Wolf, Coyote, Red Fox, Gray Fox, Cottontail Rabbit, Eastern Chipmunk, Feral Pig, Bald Eagle, Peregrine Falcon, Red-tailed Hawk, Northern Goshawk, Sharp-shinned Hawk, Merlin, Snowy Owl, Great Horned Owl, Mute Swan, Canada Goose, Common Loon, Wood Duck, Horned Grebe, Mourning Dove, American Robin, Eastern Bluebird, Blue Jay, Purple Martin, Tree Swallow, Finch, European Starling

Mange

Demodectic

White-tailed Deer

Sarcoptic

Gray Wolf, Coyote, Red Fox

Meningitis

Eosinophilic

Subacute

Mild

White-tailed Deer

Meningoencephalitis

Eosinophilic and Lymphocytic

Severe

Elk

Microphthalmia

American Goldfinch

Myiasis

Unspecified

White-tailed Deer, Red Fox

[Warbles](#)

Cuterebra sp.

Eastern Chipmunk

Myocarditis

Lymphocytic

Wild Turkey

Subacute

Focal

Wild Turkey

Myopathy

Capture (possible)

White-tailed Deer

Necrosis

Hepatic

White-tailed Deer

Necrosis (continued)

Myocardial

Multifocal

Wild Turkey

Nematodiasis

Hepatic

Unidentified

Red-tailed Hawk

Respiratory

Dictyocaulus sp.

White-tailed Deer

Nephritis

Interstitial

Lymphoplasmacytic

Subacute

Multifocal

Striped Skunk

Nephrosis

White-tailed Deer

Pericarditis

Fibrinous

Acute

White-tailed Deer

Chronic

White-tailed Deer

Unspecified

White-tailed Deer

Peritonitis

Fibrinous

Chronic

White-tailed Deer

Peritonitis (continued)

Unspecified

White-tailed Deer

Perivasculitis

Non-Suppurative

Mild

Elk

Pharyngitis

Necrotizing

Great Horned Owl, Barred Owl

Pleuritis

Bacterial

White-tailed Deer

Fibrino-Suppurative

Chronic

White-tailed Deer

Fibrinous

Acute

White-tailed Deer

Chronic

White-tailed Deer

Unspecified

White-tailed Deer

Pleuropneumonia

Caseogranulomatous

Multifocal

White-tailed Deer

Pneumonia

Bacterial

White-tailed Deer

Pneumonia (continued)

Coagulative

Chronic

White-tailed Deer

Interstitial

Mild

White-tailed Deer, Gray Fox

Unspecified

White-tailed Deer

Suppurative

Chronic

White-tailed Deer

Unspecified

White-tailed Deer

Unspecified

White-tailed Deer, Raccoon

Poisoning

Diazinon

Mallard

Iron

Chronic

Bald Eagle

Lead

Acute

Bald Eagle

Chronic

Bald Eagle, Mute Swan, Canada Goose, Common Loon

Unspecified

Trumpeter Swan

Unspecified (Suspected but not confirmed)

Striped Skunk, Bald Eagle, Canada Goose, Mallard

Yew
Wild Turkey

Zinc Phosphide
Wild Turkey

Pox

Avian
Wild Turkey, House Sparrow

Pyelonephritis

Ascending
Moderate
Raccoon

Rabies

Red Fox

Salmonellosis

Evening Grosbeak, Northern Cardinal, American Goldfinch, Common Redpoll, Pine Siskin, American Tree Sparrow, Fox Sparrow

Sarcocystosis

White-tailed Deer

Septicemia (Bacterial)

White-tailed Deer, Hooded Merganser

Shock

White-tailed Deer

Starvation

Red-tailed Hawk, Snowy Owl, Great Horned Owl, Barred Owl, Great Blue Heron

Stress

Due to Age
Eastern Bluebird

Stress (continued)

Due to the Breeding Season
Tree Swallow

Due to Handling
White-tailed Deer, Peregrine Falcon, Osprey

Unspecified
White-tailed Deer, Little Brown Bat, Bald Eagle

Suffocation

Peregrine Falcon, Mourning Dove, Tree Swallow

Trauma

Moose, Elk, White-tailed Deer, Black Bear, Gray Wolf, Coyote, Red Fox, Bobcat, River Otter, Badger, Raccoon, Woodchuck, Snowshoe Hare, Cottontail Rabbit, Eastern Fox Squirrel, Eastern Chipmunk, Big Brown Bat, Little Brown Bat, Red Deer, Feral Pig, Dog, Domestic Cat, Bald Eagle, Peregrine Falcon, Red-tailed Hawk, Northern Goshawk, Cooper's Hawk, Sharp-shinned Hawk, American Kestrel, Turkey Vulture, Snowy Owl, Great Horned Owl, Barred Owl, Screech Owl, Saw-whet Owl, Trumpeter Swan, Mute Swan, Canada Goose, Common Loon, Double-crested Cormorant, Mallard X Domestic Duck, Wood Duck, Ruddy Duck, Common Merganser, Domestic Duck, Horned Grebe, Pied-billed Grebe, Herring Gull, Great Blue Heron, Wild Turkey, Ruffed Grouse, American Woodcock, Rock Dove, Pileated Woodpecker, American Crow, Common Grackle, Blue Jay, Northern Cardinal, Cedar Waxwing, Eastern Bluebird, American Goldfinch, Finch, Common Redpoll, European Starling, House Sparrow

Trematodiasis

Intestinal
House Sparrow

Trichomoniasis

Mourning Dove, Great Horned Owl (possible), Barred Owl (possible)

Tuberculosis

Bovine
White-tailed Deer

Tumor[Fibroma](#)

White-tailed Deer

Lipoma

Infiltrative

Canada Goose

Meningioma

Psammomatous

White-tailed Deer

Ulcer

Corneal

Unilateral

White-tailed Deer

Ulceration and Rupture

Corneal

Bilateral

White-tailed Deer

[West Nile Virus](#)

White-tailed Deer, Red-tailed Hawk